An Efficient Cloud Computing Scaling on Internet using Ant based Techniques

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 165
Number 12

Year of Publication: 2017

Authors:
Bhavana Singh, Sandeep Rai, Rajesh Boghey

10.5120/ijca2017914101

Abstract

In this paper a new and efficient Hybrid Technique for the Automatic Scaling of Internet Things in Cloud Computing is proposed using Ant based techniques. The Proposed methodology applied here is used for the load balancing over cloud computing and hence scales over cloud for internet on Things. The methodology performs better in terms of Scalability and Decision Time and number of placements. The Various Experimental Results Performed on Cloud Environment proofs to be more efficient in terms of Decision Time and Response Time in Comparison. The Proposed Methodology implemented here is based on Ant based Clustering Techniques, where Scaling of Internets is done by grouping the ants moving from one source Node to Another.

References


**Index Terms**

Computer Science

Distributed Computing
Keywords

Cloud Computing, Internet on Things, Data Centers, Virtual Machines, Ant based techniques, service level agreement.